Compounds Worksheet

Part 1A: Writing ionic formulas

Compound Name	***Formula***
Ammonium carbonate	$(NH_4)_2CO_3$
Lead(II) phosphate	$Pb_3(PO_4)_2$
Magnesium nitrite	$Mg(NO_2)_2$
Copper(I) sulfate	Cu_2SO_4
Aluminum chloride	$AlCl_3$
Zinc sulfide	ZnS
Magnesium hydroxide	$Mg(OH)_2$
Iron(II) chlorate	$Fe(ClO_3)_2$
Silver nitrate	$AgNO_3$
Zinc iodide	ZnI_2
Chromium (III) nitrite	$Cr(NO_2)_3$
Sodium fluoride	NaF
Silver nitride	Ag_3N
Calcium chlorate	$Ca(ClO_3)_2$
Potassium phosphate	K_3PO_4
Copper(II) oxide	CuO
Sodium phosphide	Na_3P
Iron(III) nitrate	$Fe(NO_3)_3$
Chromium(III) chlorate	$Cr(ClO_3)_3$
Magnesium acetate	$Mg(CH_3COO)_2$
Silver sulfate	Ag_2SO_4
Ammonium sulfite	$(NH_4)_2SO_3$
Lead(II) fluoride	PbF_2
Calcium bromide	$CaBr_2$
Zinc nitride	Zn_3N_2
Lithium nitrite	$LiNO_2$
Aluminum sulfide	Al_2S_3
Barium phosphate	$Ba_3(PO_4)_2$

Part 2A: Writing Binary Molecular Formulas

Compound Name	***Compound Formula***
Carbon dioxide	CO_2
Carbon monoxide	CO
Diphosphorus pentoxide	P_2O_5
Dinitrogen monoxide	N_2O
Silicon dioxide	SO_2
Carbon tetrabromide	CBr_4
Sulfur dioxide	SO_2
Phosphorus pentabromide	PBr_5
Iodine trichoride	ICl_3
Nitrogen triiodide	NI_3
Dinitrogen trioxide	N_2O_3

Part 2B: Naming Binary Molecular Compounds

Compound Formula	***Compound Name***
N_2O_4	Dinitrogen Tetroxide
SO_3	Sulfer Trioxide
NO	Nitrogen oxide
NO_2	Nitrogen dioxide
As_2O_5	Diarsenic Pentoxide
PCl_3	Phosphorous Trichloride
CCl_4	Carbon Tetrachloride
H_2O	Water
SeF_6	Selenium Hexafloride